



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

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Ref: 8EPR-SR

MEMORANDUM

SUBJECT: Richardson Flat Consent Decree – Statement of Work

FROM: Kathryn Hernandez
Remedial Project Manager

TO: Site File

The purpose of this memo is to document the decision to require sampling for only three parameters (cadmium, lead and zinc) within the monitoring requirements for surface water at the Site. Initial drafts of the statement of work included the full suite of metals in the sampling requirements. The Team determined that sampling of the additional parameters would not be required. This decision was based on the ROD which determined that the human and ecological risk exposure at the site was related to arsenic, cadmium, lead and zinc. Cadmium and zinc were identified as parameters of concern in the surface water. Only cadmium, lead and zinc are likely to be found in elevated levels in the surface water that exceed water quality standards, since arsenic typically precipitates out quickly and is rarely found in surface water above the water quality standards. The sampling of cadmium, lead and zinc at the point of compliance and above and below the Site in Silver Creek will provide the necessary data to determine if the remedy is successful.

